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DRAM 595.03: Special Topics - Furniture Construction

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Furniture Construction

Course #: Drama 395, 595 Section 3
Time: Tuesday and Thursday 12:40-2:00
Room: PART 140 (scene shop)
Instructor: Mike Monsos
PARTV Building Room 192
243-5138
michael.monsos@umontana.edu

Text: Handouts in class-no text.

Materials Needed: For the furniture project, you will either pay for all your materials and therefore keep your project, or, if agreed to by instructor, the department will supply the materials and keep the project for our stock. The department will supply materials for the other projects (ie. lathe, joinery and cabriole leg)

Course Description:

This course is designed to teach students furniture construction techniques, safe operation of all wood working tools, finishing techniques and wood identification. Students will also learn repair and maintenance of furniture.

Course Objectives:

After gaining an understanding of tools, techniques and technologies, students will design a piece of furniture, decide on joinery and construction methods, create working drawings, cut lists and construction methods and then see the construction of the furniture through to completion.

Academic Misconduct and the Student Conduct Code

All students must practice academic honesty. Academic misconduct is subject to an academic penalty by the course instructor and/or a disciplinary sanction by the University.

All students need to be familiar with the Student Conduct code. The Code is available for review online at:

www.umt.edu/SA/VPSA/Index.cfm/page/1321.

Grading:

Students will be graded on attendance, test scores and class participation. The final will consist of a short exam and the completed furniture piece, with grading being based on quality of construction, design, finish and method of construction.

Attendance policy:

Attendance is extremely important; it is assumed students will attend all classes. ***Only one absence is allowed***, each absence after that will result in the lowering of one full letter grade.

SCHEDULE

- | | |
|---------------|---|
| Jan 23 | Intro to class-Tools training
Saw blades |
| Jan 25 | Nature of wood, identification |
| Jan 30 | Machining and prepping lumber |
| Feb 1 | Designing furniture, projects discussed |
| Feb 6 | Construction methods |
| Feb 8 | Joinery methods
Joinery assignment |
| Feb 13 | Work on Joinery assignment
<i>Furniture project rough drawing approved</i> |
| Feb 15 | Glue and Gluing up projects |
| Feb 20 | Lathe training
Lathe assignment
<i>Joinery assignment due</i> |
| Feb 22 | Cabriole legs, bracketed feet
Feet and leg assignment |
| Feb 27 | Work in class
<i>Drawings for furniture project completed, including all measurements, joinery methods and complete cutting and material list.</i> |

Mar 1 Finishing wood
Feet and leg assignment due

Mar 6 Start furniture project. May include shopping for hardwood.

Mar 8 Work in class

Mar 13 Work in class (instructor gone-USITT) attendance will not be taken

Mar 15 Work in class (instructor gone-USITT) attendance will not be taken

Mar 20 Furniture repair

Mar 22 Furniture repair

Mar 27 **Spring Break- No class**

Mar 29 **Spring Break- No class**

Apr 3 Furniture repair

Apr 5 Furniture repair

Apr 10 Work in class

Apr 12 Work in class

Apr 17 Work in class

Apr 19 Work in class

Apr 24 Staining and finishing, samples for projects

Apr 26 Work in class

May 1 Work in class

May 3 Work in class

Thursday, May 10th Final exam-projects due 8:00-10:00 AM

***Note: We will schedule a field trip sometime in the semester to a furniture store to study upholstery.**

All Drama/Dance students must have an in-depth knowledge of the practices and procedures outlined in the Department of Drama/Dance Handbook. The Handbook is available online at <http://www.sfa.umt.edu/drama/index.html>.